

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
 Data File : BM013419.D
 Acq On : 15 Dec 2017 01:52
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02038

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:48:47 PM

Quant Time: Dec 15 05:50:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	207453	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	891038	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	565377	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1336091	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1429508	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1249449	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	31250	7.46	ng/uL	0.00
5) Phenol-d5	6.86	99	335465	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	196814	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	268751	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	286205	18.67	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	138931	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	154121	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	298527	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	343548	23.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	978530	19.45	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1213202	19.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	160139	18.32	ng/ul	0.00
57) Fluorene-d10	15.32	176	837245	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	159234	18.95	ng/ul	0.00
70) Anthracene-d10	17.17	188	1323212	19.77	ng/ul	0.00
76) Pyrene-d10	19.46	212	1456591	20.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1242156	19.52	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	36011	7.658	ng/uL# 67
4) Benzaldehyde	6.83	77	172736	19.449	ng/ul# 86
6) Phenol	6.88	94	322412	18.171	ng/ul# 85
8) Bis(2-Chloroethyl)ether	7.11	93	259044	19.094	ng/ul 99
10) 2-Chlorophenol	7.25	128	260119	18.914	ng/ul 97
11) 2-Methylphenol	8.12	108	248493	18.108	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	275793	19.361	ng/ul# 81
14) Acetophenone	8.50	105	438260	18.794	ng/ul 88
15) N-Nitroso-di-n-propylamine	8.49	70	223884	19.060	ng/ul# 69
16) 4-Methylphenol	8.45	108	274579	18.710	ng/ul 99
17) Hexachloroethane	8.74	117	115461	19.283	ng/ul 80
20) Nitrobenzene	8.87	77	334416	18.787	ng/ul 96
21) Isophorone	9.39	82	613932	19.601	ng/ul# 94
23) 2-Nitrophenol	9.57	139	156318	19.938	ng/ul# 81
24) 2,4-Dimethylphenol	9.64	107	327318	19.141	ng/ul# 87
25) Bis(2-Chloroethoxy)methane	9.88	93	358098	19.535	ng/ul 93
27) 2,4-Dichlorophenol	10.11	162	279716	19.431	ng/ul 95
28) Naphthalene	10.50	128	898619	19.602	ng/ul 100
30) 4-Chloroaniline	10.62	127	334896	24.151	ng/ul 93
31) Hexachlorobutadiene	10.79	225	195812	18.779	ng/ul 93
32) Caprolactam	11.39	113	89787m	19.516	ng/ul
33) 4-Chloro-3-methylphenol	11.75	107	302431	19.152	ng/ul 97
34) 2-Methylnaphthalene	12.12	142	675365	19.598	ng/ul 97

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36) 1,2,4,5-Tetrachlorobenzene	12.49	216	390167	19.125	ng/ul	95
37) Hexachlorocyclopentadiene	12.47	237	223023	16.609	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	248371	19.528	ng/ul	97
39) 2,4,5-Trichlorophenol	12.82	196	267359	19.790	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	915532	19.160	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	732177	19.531	ng/ul	99
42) 2-Nitroaniline	13.40	65	216483	19.711	ng/ul	99
44) Dimethylphthalate	13.78	163	925765	19.239	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	192003	19.564	ng/ul#	95
47) Acenaphthylene	14.04	152	1101421	19.170	ng/ul	98
48) 3-Nitroaniline	14.23	138	180131	20.534	ng/ul	87
49) Acenaphthene	14.39	153	749447	19.148	ng/ul	97
50) 2,4-Dinitrophenol	14.44	184	88119	16.225	ng/ul#	87
52) 4-Nitrophenol	14.55	109	156329	18.230	ng/ul#	81
53) Dibenzofuran	14.72	168	1105854	19.139	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	283344	19.847	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	14.95	232	241389	19.487	ng/ul#	89
56) Diethylphthalate	15.15	149	946731	19.616	ng/ul	95
58) Fluorene	15.37	166	912833	19.097	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	498340	19.209	ng/ul	97
60) 4-Nitroaniline	15.40	138	199428	19.269	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	162473	19.344	ng/ul	96
64) N-Nitrosodiphenylamine	15.59	169	780092	19.820	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	316407	20.145	ng/ul	96
66) Hexachlorobenzene	16.37	284	338240	19.528	ng/ul#	94
67) Atrazine	16.54	200	305438	21.025	ng/ul	94
68) Pentachlorophenol	16.72	266	189636	18.930	ng/ul	96
69) Phenanthrene	17.11	178	1494480	19.689	ng/ul	99
71) Anthracene	17.20	178	1534660	19.780	ng/ul	98
72) Carbazole	17.47	167	1264281	18.944	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1603875	20.587	ng/ul#	98
74) Fluoranthene	19.13	202	1785639	19.196	ng/ul#	91
77) Pyrene	19.49	202	1782690	20.527	ng/ul#	91
78) Butylbenzylphthalate	20.40	149	705531	20.792	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.18	252	552786	18.395	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	1780267	19.628	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	1051746	20.563	ng/ul#	99
82) Chrysene	21.30	228	1643295	19.529	ng/ul	97
84) Di-n-octyl phthalate	22.06	149	1682803	18.940	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	1665717	19.776	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	1542528	19.461	ng/ul#	99
88) Benzo(a)pyrene	23.39	252	1468876	19.414	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	1487585	19.815	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.72	278	1269835	19.865	ng/ul#	96
91) Benzo(g,h,i)perylene	26.39	276	1186518	20.037	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

